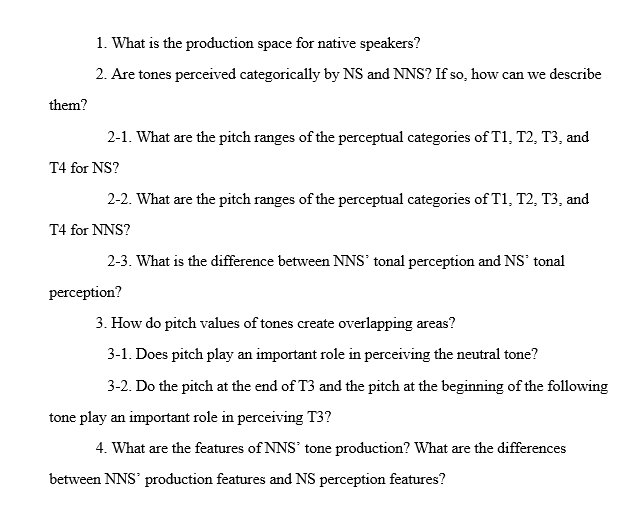
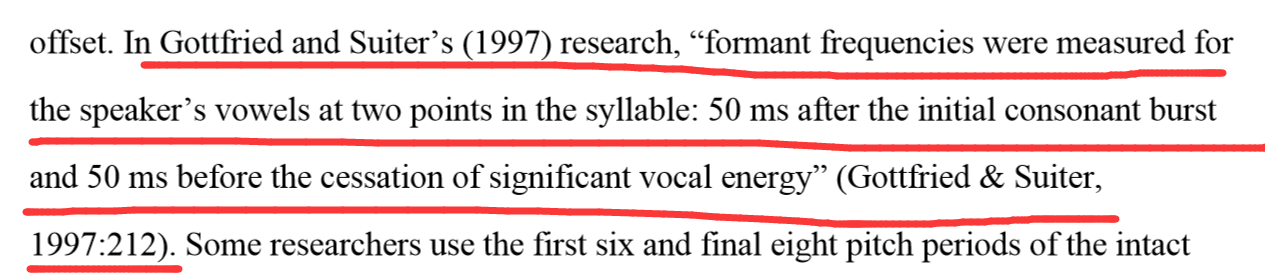
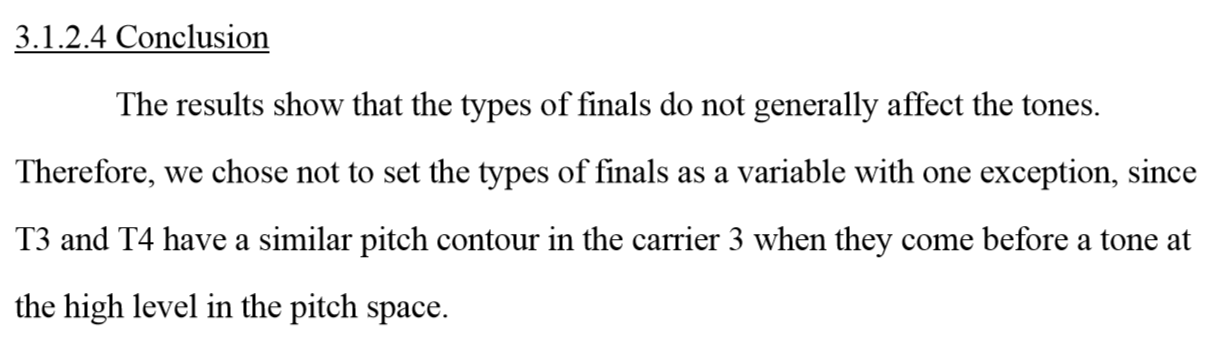
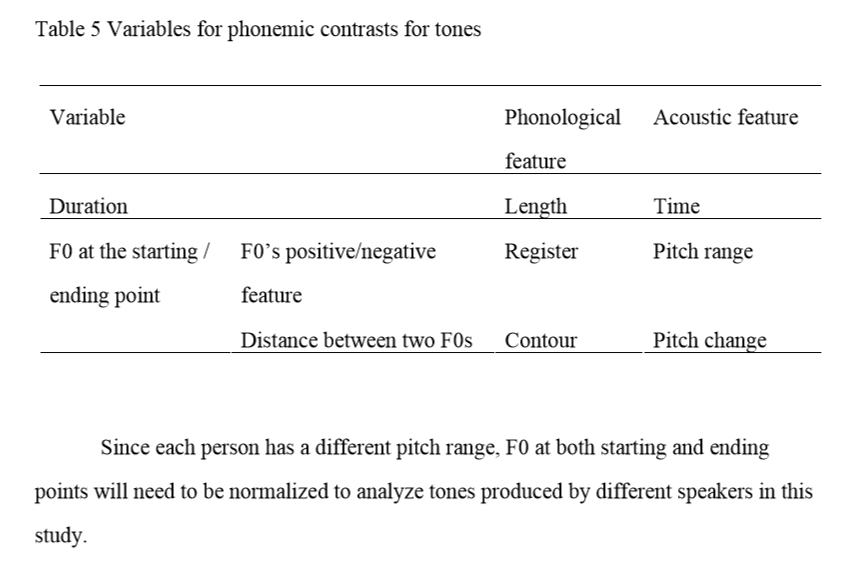
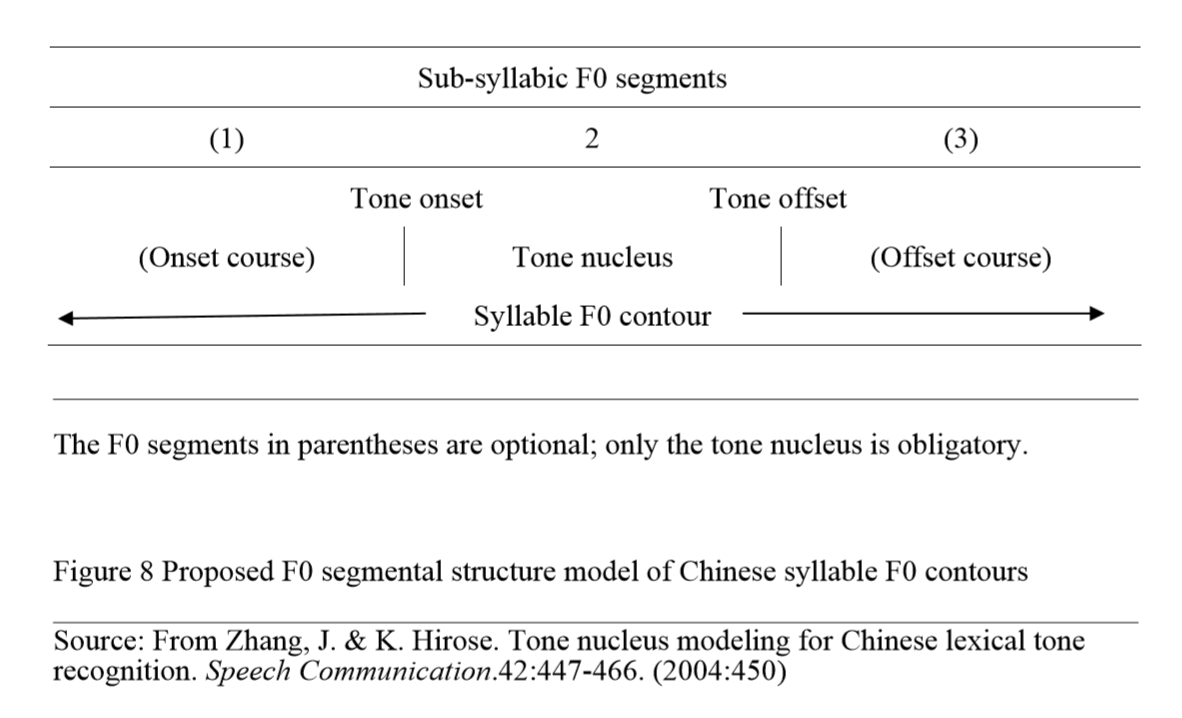
Questions





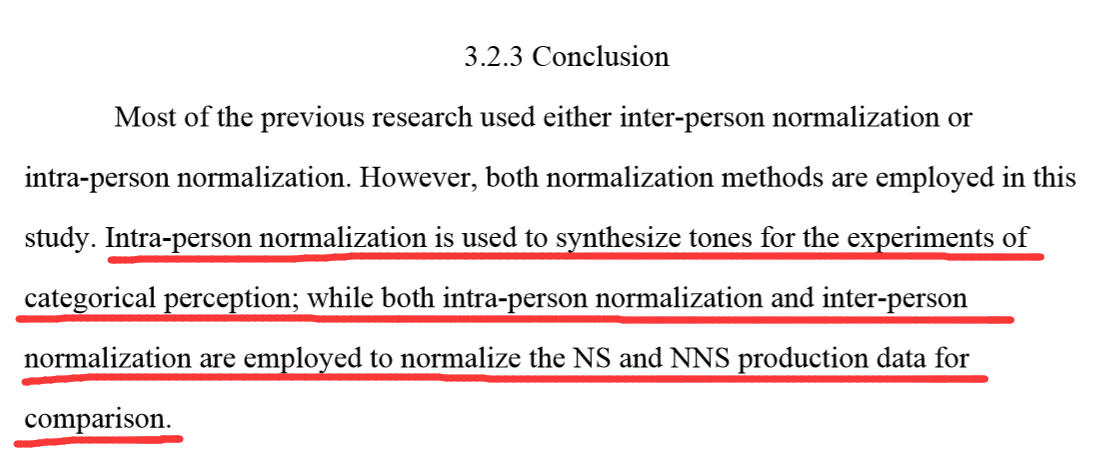
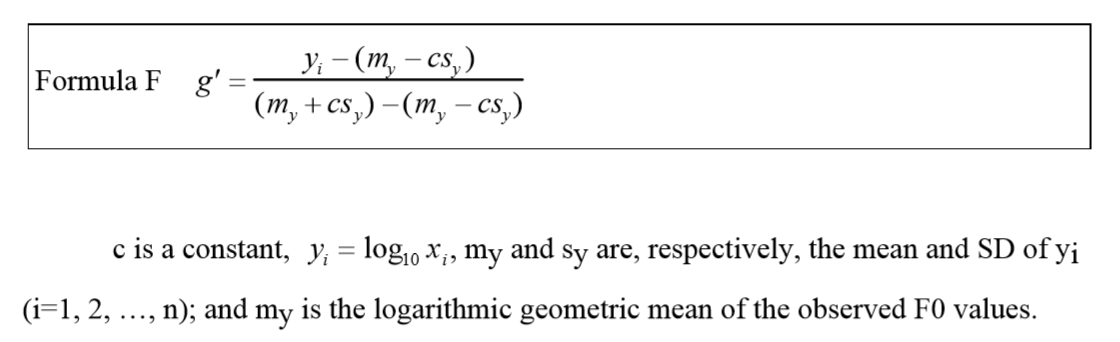
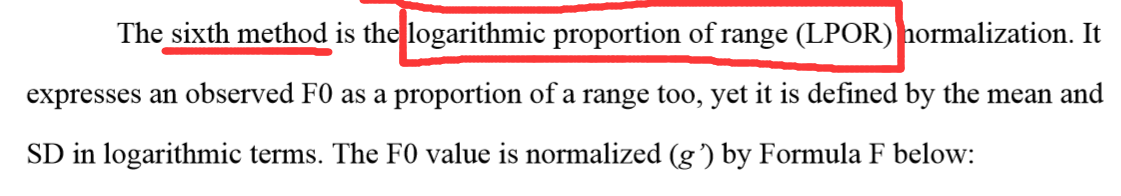
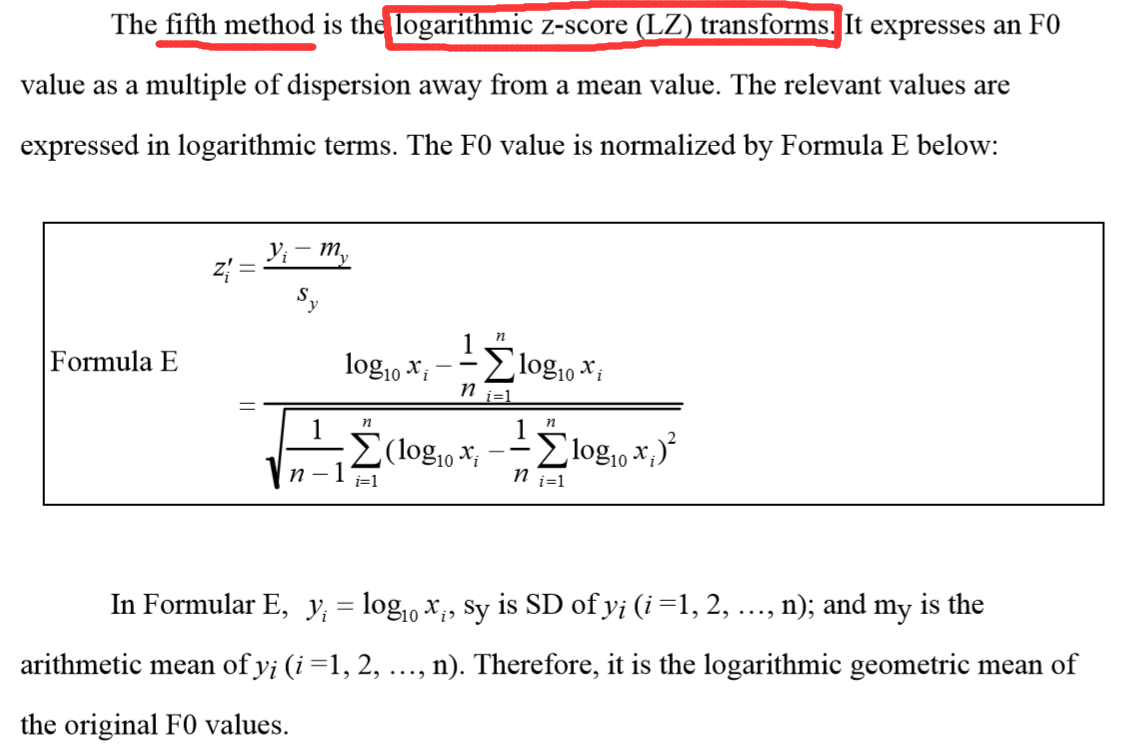
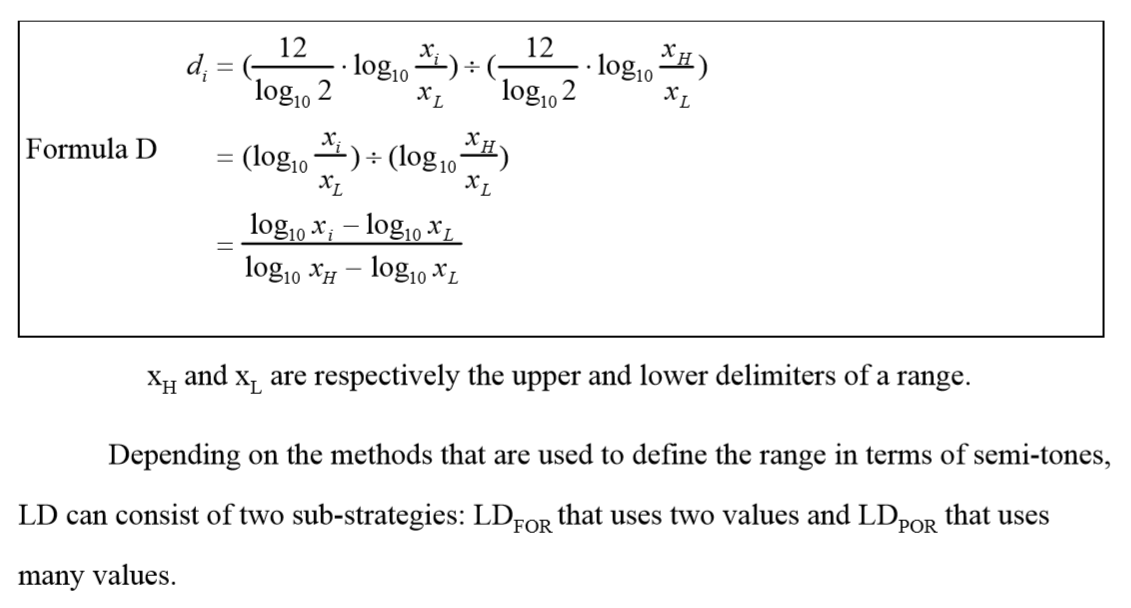
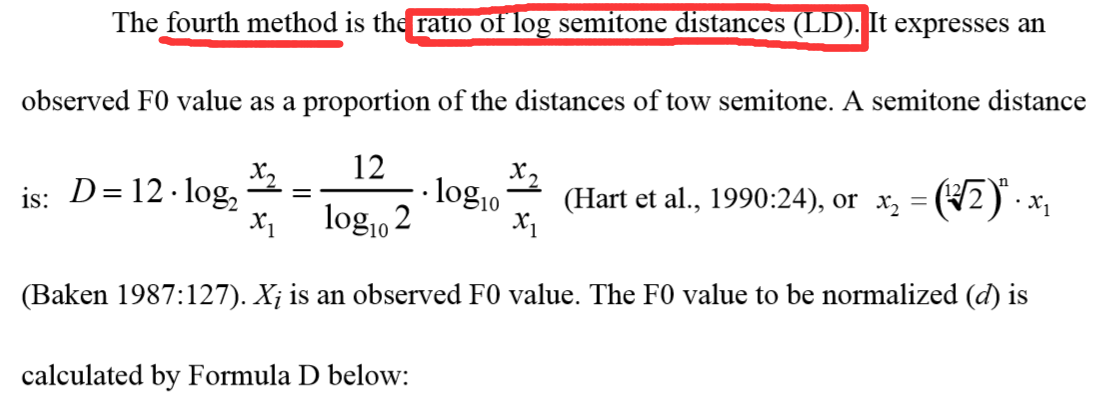
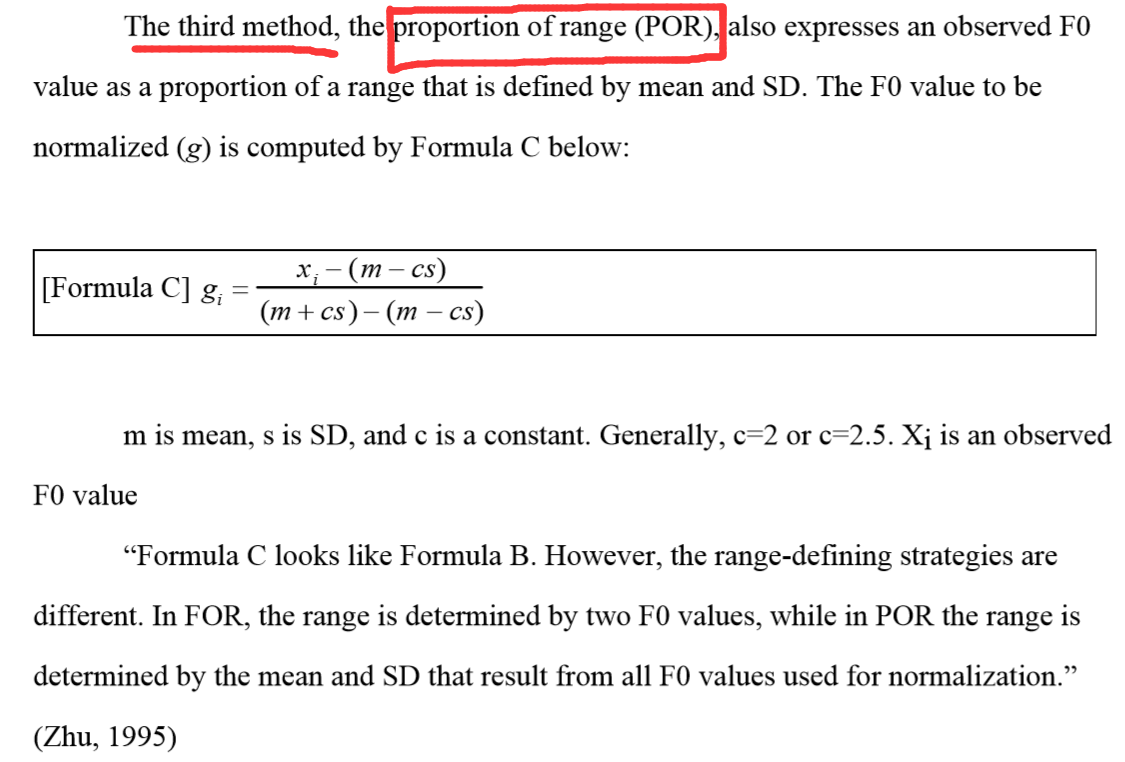
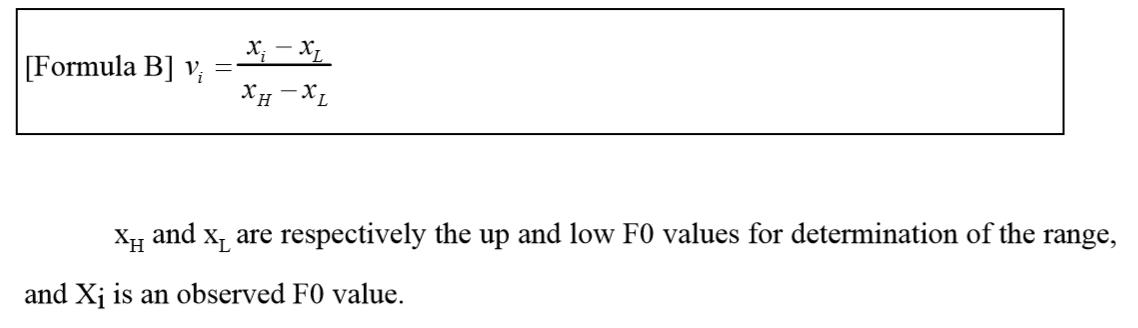
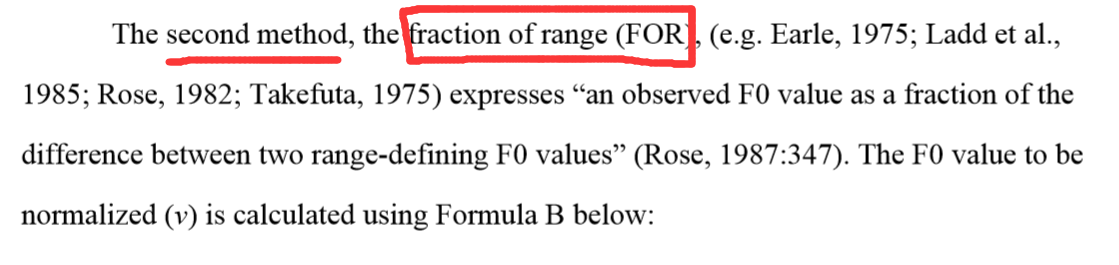
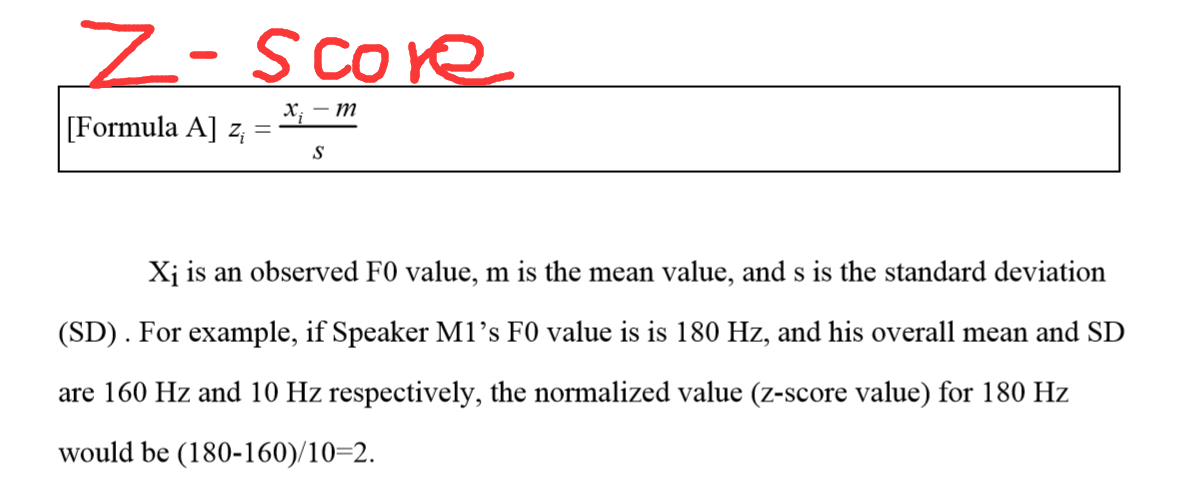
Intra-speaker vs Inter-speaker?

Intra-speaker normalization

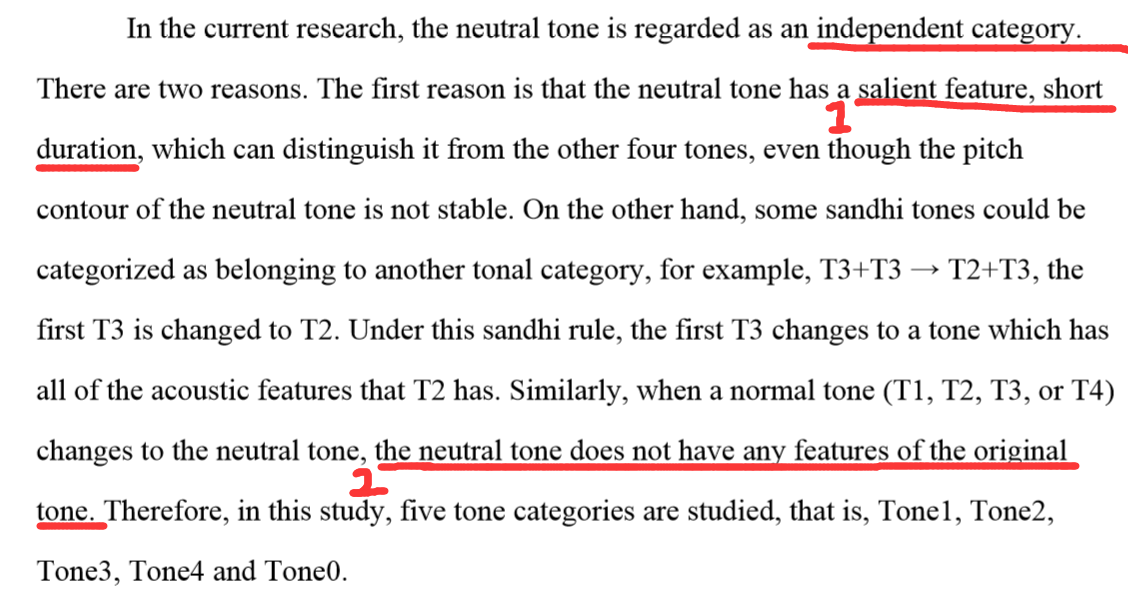
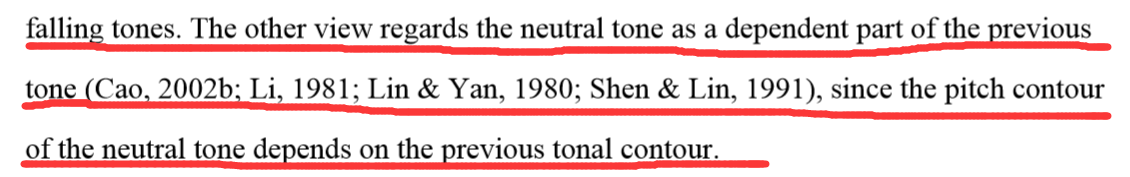
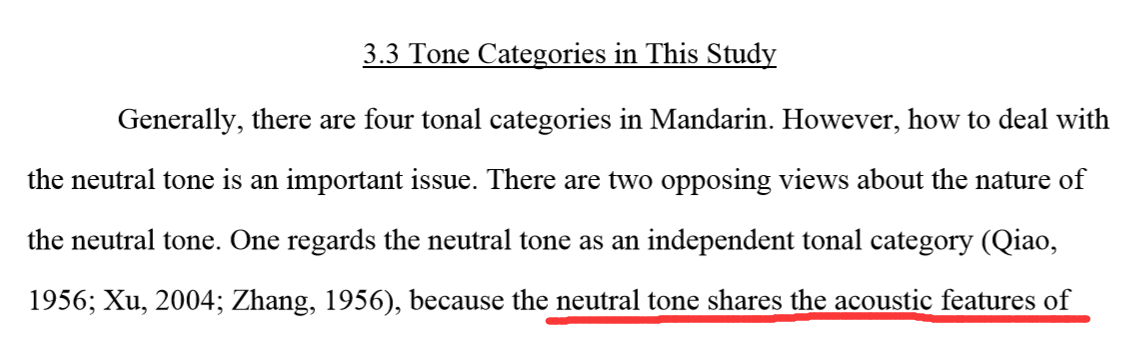


Tone nucleus is obligatory

Inter-speaker normalization

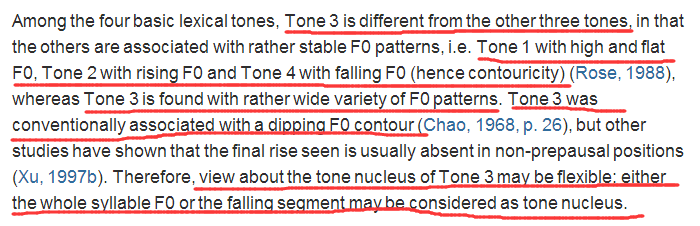


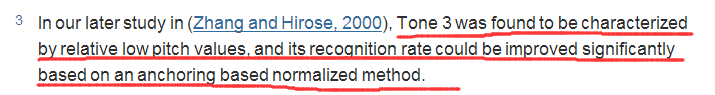
Neutral tone



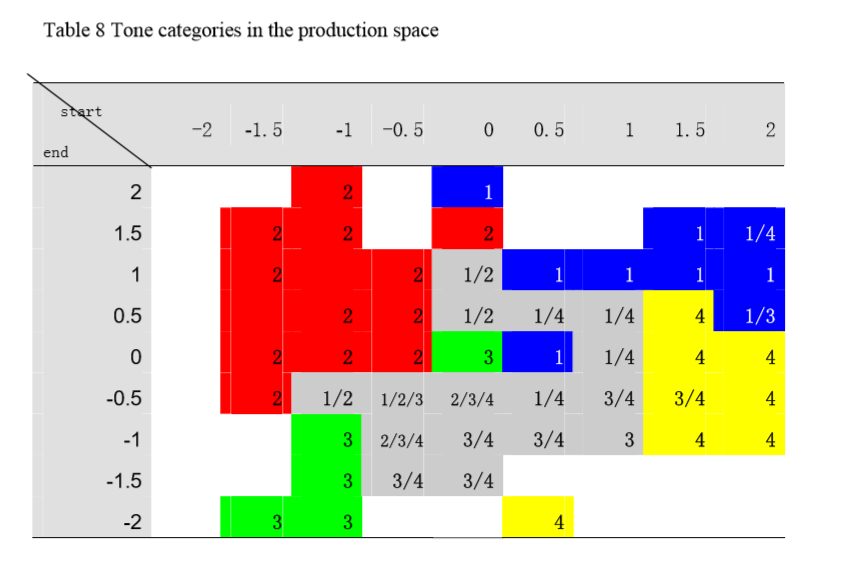
Tone 3

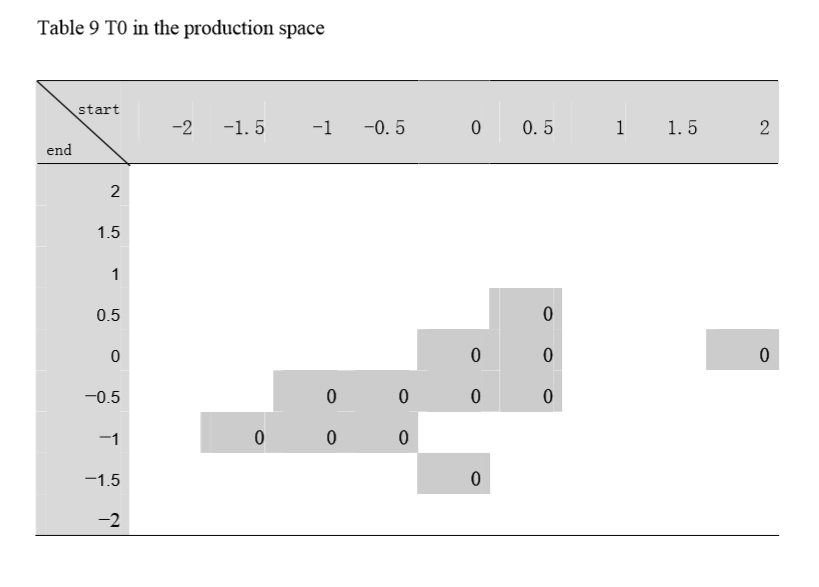
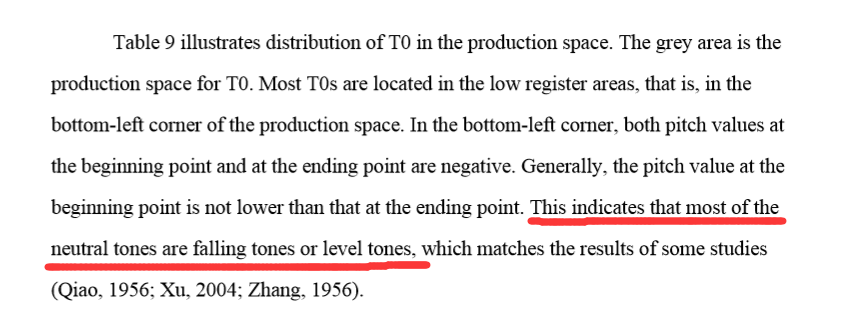
From *Tone nucleus modeling for Chinese lexical tone recognition*



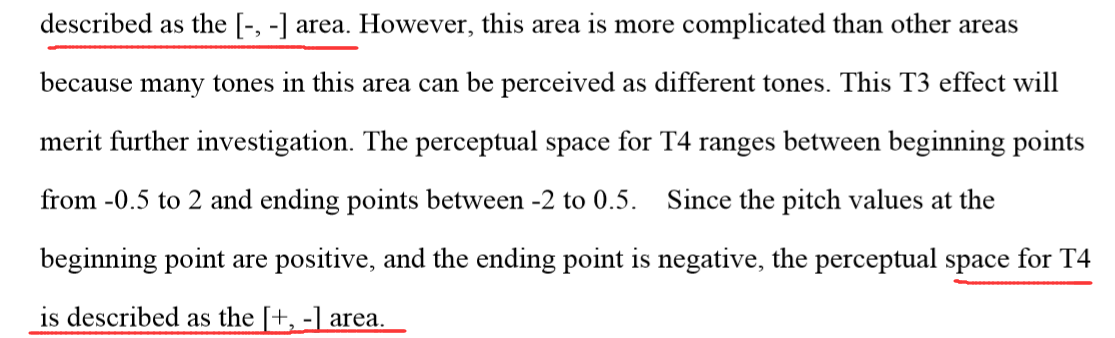
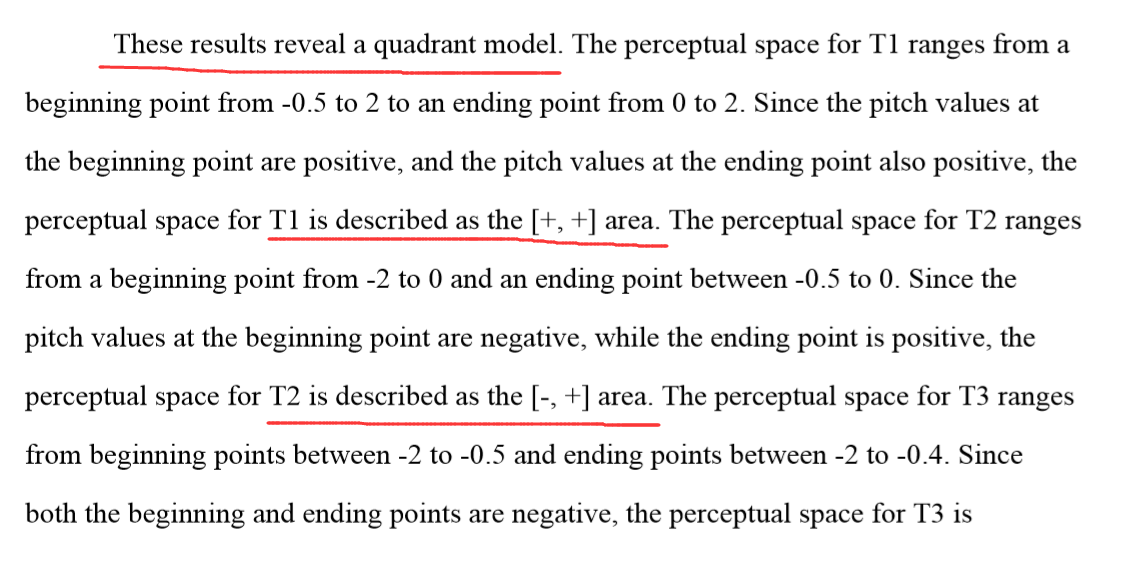
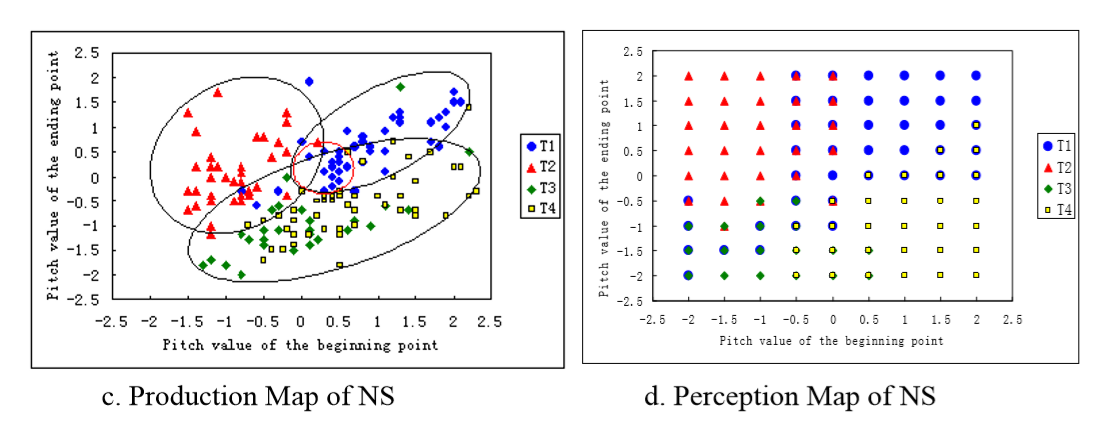
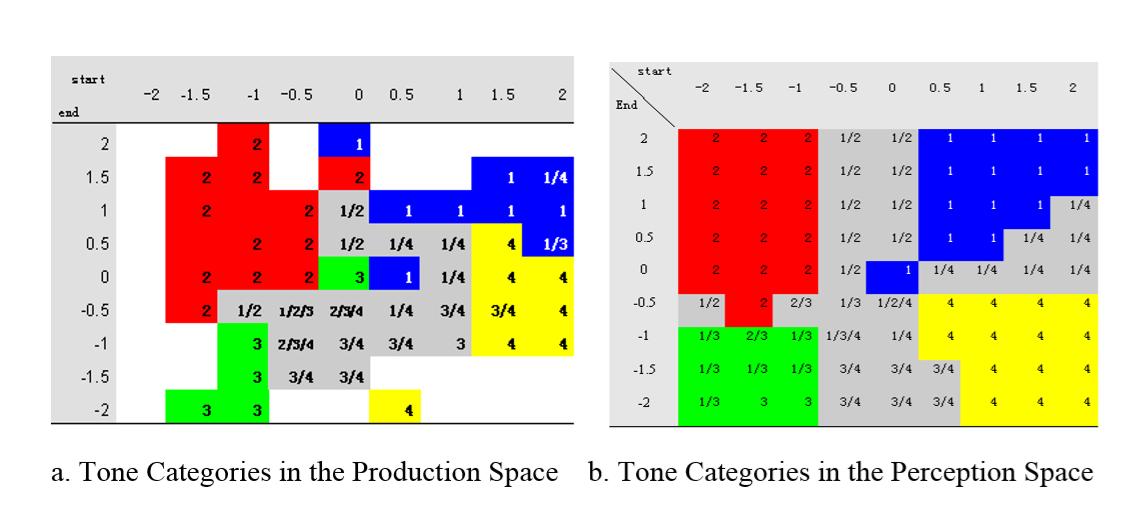


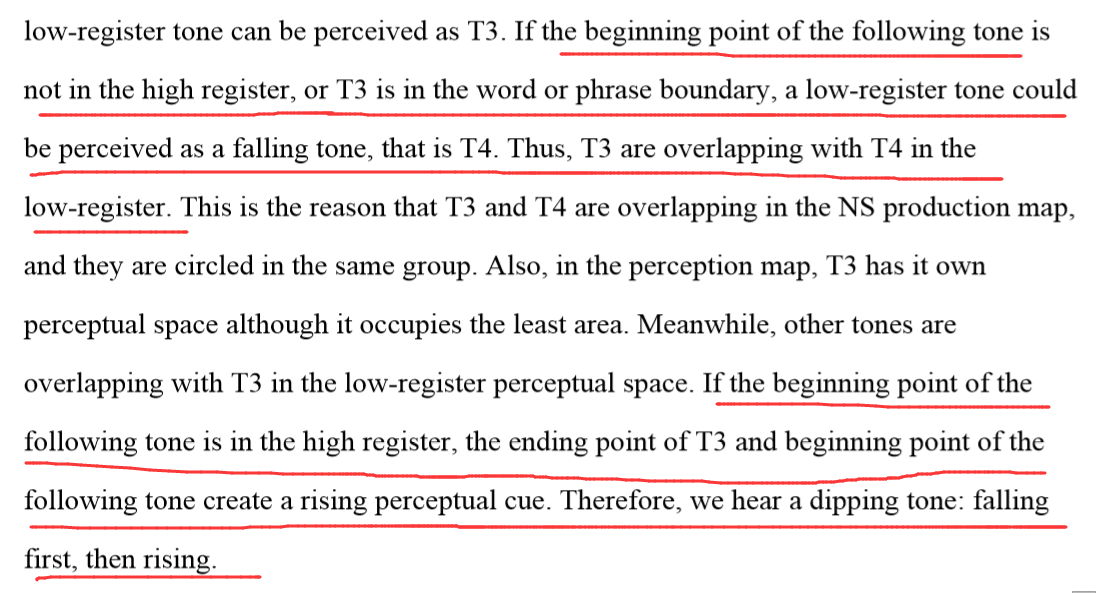
Tone Categorizing





Production Space (two samples from published corpus) and Perceptual Space (4 Native Speakers) of Normal tone (T1, T2, T3, T4)

Result of Perception Experiments for T3



Result of Perception for T0

